

**IN THE UNITED STATES OF AMERICA  
PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Daniel S. Bangert  
**TITLE:** Granular Particle Gripping Surface  
**ATTORNEY NO.:** 16342/95351-01

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements
2. FORM PTO -1449 (Modified)
6. Copies Of Listed Information Items Accompanying This Statement
9. Concise Explanation Of English Language Listed Information Items  
(Optional)
10. Identification Of Person(s) Making This Information Disclosure  
Statement

**Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

FACSIMILE OF U.S. DEPARTMENT OF COMMERCE  
FORM PTO-1449 Patent and Trademark Office  
(Rev. 6-89)

APPLICANT  
Daniel S. Bangert

(Use several sheets if necessary)

FILING DATE

GROUP ART UNIT

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1371943	03/1921	Sperduti			
	2637236	05/1953	Vergnani, et al	81	180	
	2714321	08/1955	Tamplin	81	52	
	3024128	03/1962	Dawson	117	22	
	3365762	01/1968	Spiri	24	263	
	3656522	04/1972	Ingimarsson	145	50	
	4576067	03/1986	Buck	81	57.15	
	4643740	02/1987	Nicolson	51	293	
	4778730	10/1988	Zucker	81	900	
	4823919	04/1989	Hayatdavoudi	81	57.5	
	5451084	09/1995	Jansch	294	119.3	
	4989909	02/1991	Bouligny, Jr. et al	294	119.3	
	5148726	09/1992	Huebschen, et al	81	119	
	5150642	09/1992	Moody, et al	81	57.18	
	5451084	09/1995	Jansch	294	119.3	
	6004362	12/1999	Seals, et al	51	295	
	6378399	04/2002	Bangert	81	57.15	

	DOCUMENT NUMBER	PUBLIC. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
	2063743	06/1981	Great Britain - Crowcroft	81	900	X	

Section 2. Form PTO - 1449 (Modified)

FACSIMILE OF U.S. DEPARTMENT OF COMMERCE  
FORM PTO-1449 Patent and Trademark Office  
(Rev. 6-89)

INFORMATION DISCLOSURE CITATION  
(CONTINUATION)  
(Use several sheets if necessary)

ATTORNEY'S DOCKET NUMBER 16342/95351-01	SERIAL NUMBER
APPLICANT Daniel S. Bangert	
FILING DATE	GROUP ART UNIT

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	Advertisement published by C4 Carbides in Great Britain more than one year prior to the filing of U.S. application serial number 08/713,444 filed on September 13, 1996 (now abandoned), entitled "The Use of High Friction Materials"
	Kinzel, Buttner; <u>Evaluation of Corrosion on CRA-Pipe</u> ; September 9, 1996; Kuala Lumpur, Malaysia

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Section 6. Copies of Listed Information Items Accompanying This Statement**

Copies of patents listed were provided in previous related applications.

**Section 9. Concise Explanation Of English Language Listed Information Items (Optional)**

**Section 10. Identification of Person(s) Making THIS INFORMATION DISCLOSURE STATEMENT**

The person making this statement is the attorney who signs below on the basis of the information in the attorney's file.

Reg. No.: 38,882

Tel. No.: (225) 248-2106



LANCE A. FOSTER

JONES, WALKER, WAECHTER, POITEVENT,  
CARRÈRE & DENÈGRE, L.L.P.

4<sup>TH</sup> FLOOR, FOUR UNITED PLAZA  
8555 UNITED PLAZA BOULEVARD  
BATON ROUGE, LOUISIANA 70809